Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

NOV 1 2 2004 SE

Total Number of Pages in This Submission

TDANOMITTAL	Application Number	
TRANSMITTAL	Filing Date	Αι
FORM	First Named Inventor	Lo
(to be used for all correspondence after initial filing)	A -4 11 - '4	

21

Application Number 10/632,735

Filing Date August 1, 2003

First Named Inventor Loren M. Caldwell

Art Unit 3662

Examiner Name Brian K. Andrea

Attorney Docket Number 410391

ENCLOSURES (check all that apply)					
Fee Transmittal F	Form	☐ Drawing(s)	After Allowance Communication to Technology Center (TC)		
☐ Fee Attached	l	Licensing-related Papers	Appeal Communication to Board of Appeals and Interferences		
Amendment / Re	ply	Petition	Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)		
After Final		Petition to Convert to a Provisional Application	Proprietary Information		
Affidavits/declaration(s)		Power of Attorney, Revocation Change of Correspondence Address	Status Letter		
Extension of Time	e Request	Terminal Disclaimer	Other Enclosure(s) (please identify below):		
Express Abandonment Request		Request for Refund CD, Number of CD(s)	Certificate of Mailing & Return Post Card		
☐ Information Disclosure Statement					
Certified Copy of Priority Document(s)		Remarks			
Response to Missing Parts/ Incomplete Application					
Response to Missing Parts under 37 CFR					
1.52 or 1.53					
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT					
Firm	Curtis A. Vock				
or Individual name	LATHROP & GAGE LC				
Signature	Signature Civit A. Volk				
Date	November 12, 2004				
CERTIFICATE OF MAILING					

Signature

Date

November 12, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as Express Mail Post Office to Addressee (Label No. EV426667628US) in an envelope addressed to: Commissioner for Patents, P.O.

Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Mimi Nguyen

Typed or printed name

	STPE
	HOV 1 2 2004 60
(P)	TA TRADE CED

CERTIFICATE OF MAILING BY EXPRESS MAIL POST OFFICE TO ADDRESSEE (37 CFR 1.10)			Matter No.
Applicant(s): Loren	M. Caldwell, et al.		410391
Serial No.	Filing Date	Examiner	Group Art Unit
10/632,735	August 1, 2003	Brian K. Andrea	3662

Invention OPTICAL AIR DATA SYSTEMS AND METHODS

I hereby certify that this Transmittal Form (1 page); Amendment (15 pages); Petition For Extension of Time Under 37 CFR 1.136(a) (1 page in duplicate); Fee Transmittal For FY 2005 (1 page in duplicate), authorization to charge \$215 for the extension fee; authorization to charge additional fees that may be required, or credit any overpayment, to Deposit Account No. 12-0600; and return post card are being mailed in an envelope addressed to: Mail Stop: Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 12th day of November, 2004.

Mimi Nguyen Name of Depositor
Name of Depositor
Vanguym
Signature of Depositor
EV426667628US
Express Mail Label No.